BRUHAT BANGALORE MAHANAGARA PALIKE

BYTARAYANPURA DIVISION

Name of Work :- Construction of Compound wall and repairs in Yelahanka Zonal office building in ward no 07 Byatarayanapura Kodigehalli sub division

1ST& FINAL BILL

DETAILED MEASUREMENTS

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :- Construction of Compound wall and repairs in Yelahanka Zonal office building in ward no 07 Byatarayanapura Kodigehalli sub division

Job Code No :- 007-17-000003, 37155

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
1	KSRRB M200-12.2. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. i) Lime /Cement Concrete. I. By Manual Means :B. Cement Concrete Grade M-15 & M-20. MORTH Specification No. 202.							
	JC office yelahanka division							
	For damaged ~~toilet~~ flooring toilet							
	sanitory connectins, Toilet A(ground		1	77.00	1.20	0.30	27.72	
						Total Quantity	**27.72**	
						Quantity Limited to	**13.79**	**Cum**

NDP DJE(Tech)

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Contractor

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
2	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5. (P.No.							
	JC office yelahanka division							
	For sanitory lines							
	For inspection chambers		12	0.60	0.60	0.60	2.59	
	sanitory connectins		1	77.00	1.20	0.75	69.30	
						Total Quantity	**71.89**	
						Quantity Limited to	**47.52**	**Cum**

Assistant Executive Engine... Division, Yelahanka Zone, B.B.M.P., Bangalore.

NDP DET(3)

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P., Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
3	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2							
	JC office yelahanka division							
	For sanitory lines							
	For inspection chambers		12	0.60	0.60	0.15	0.648	
	sanitory connectins		1	77.00	1.20	0.15	13.86	
						Total Quantity	**14.508**	
						Quantity Limited to	**2.880**	**Cum**

19/1

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

NDD
AE(Ly)
16/1

Contractor

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
4	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications							
	JC office yelahanka division							
	For sanitory lines							
	For inspection chambers		12	0.60	0.60	0.15	0.65	
	sanitory connectins		1	77.00	1.20	0.15	13.86	
	Tiolet							
			1	1.50	1.60	0.15	0.36	
			1	2.10	1.60	0.15	0.50	
			1	2.10	1.40	0.15	0.44	
			1	2.10	1.30	0.15	0.41	
			1	2.10	1.40	0.15	0.44	
					Total Quantity		**16.66**	**Cum**

NDD
DE(W2)
6/1

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
5	Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with 160mm outer dia							
	JC office yelahanka division							
	For sanitory lines							
			1	77.00			77.00	
	Tiolet							
			1	20.00			20.00	
			1	27.00			27.00	
			1	15.00			15.00	
			1	21.00			21.00	
					Total Quantity		**160.00**	**Mtrs**

NDD AE(W) 8/1

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.
Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
6	KSRB 24-1 : Removing white wash or colour wash by steel brushing and / or scraping, sand papering and preparing wall surface smooth including repairs to scraches, cost of labour, complete as per specifications. Specification No.KBS.							
	JC office yelahanka division							
	Head Room Inside							
			1	7.30		4.50	32.85	
	Head Room Column		1	1.60		3.00	4.80	
	Office Room 1		1	30.20		3.50	105.70	
			1	16.70		3.50	58.45	
	Office Room 2		1	12.60		3.50	44.10	
	Office Room 3		1	11.00		3.50	38.50	
			1	22.50		3.50	78.75	
			1	20.00		3.50	70.00	
	Staircase Inside							
			1	5.00		3.00	15.00	
			1	8.70		3.70	32.19	
			1	4.00		4.00	16.00	
	Corridor							
			2	13.00		4.00	104.00	
	Office Room 4							
			1	23.80		4.00	95.20	
			1	8.00		4.00	32.00	
	Office Room 5							
			1	32.00		4.00	128.00	
	Deductions of Ventilations							
			-1	0.60		0.60	-0.36	
			-1	0.60		0.60	-0.36	
			-1	0.60		0.60	-0.36	
			-1	0.60		0.60	-0.36	
	Deductions of Doors							
			-1	1.20		2.10	-2.52	
			-1	1.20		2.10	-2.52	
			-1	1.20		2.10	-2.52	
	Deduction Of Windows							
			-3	1.10		1.30	-4.29	
			-2	1.10		1.30	-2.86	
			-1	0.50		1.30	-0.65	
			-1	1.20		1.30	-1.56	
			-1	2.30		1.30	-2.99	
			-1	1.20		1.30	-1.56	
			-1	1.20		1.30	-1.56	
			-1	1.20		1.30	-1.56	
	External Painting							
	external walls							
			1	34.00		13.00	442.00	
			1	17.60		13.00	228.80	
			1	17.60		13.00	228.80	

Contractor

Assistant Engineer

17/29/11

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.
Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

1729.11

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
			1	6.60		13.00	85.80	
			1	11.00		13.00	143.00	
			1	11.00		13.00	143.00	
			1	8.80		13.00	114.40	
			1	8.80		13.00	114.40	
			1	14.80		13.00	192.40	
	Head Room							
			1	15.60		3.50	54.60	
	Column							
			18	1.60		0.80	23.04	
			8	2.00		0.80	12.80	
	Porch							
			2	6.00		6.00	72.00	
	Parapet Wall							
			1	130.20		1.00	130.20	
	Deduct openings							
	Deductions of Ventilations							
			-1	0.60		0.60	-0.36	
			-1	0.60		0.60	-0.36	
			-1	0.60		0.60	-0.36	
			-1	0.60		0.60	-0.36	
	Deduction Of Windows							
			-3	1.10		1.30	-4.29	
			-2	1.10		1.30	-2.86	
			-1	0.50		1.30	-0.65	
			-1	1.20		1.30	-1.56	
			-1	2.30		1.30	-2.99	
			-1	1.20		1.30	-1.56	
			-1	1.20		1.30	-1.56	
			-1	1.20	1067.17	1.30	-1.56	
						Total Quantity	**2796.28**	
						Quantity Limited to	**1874.83**	**Sqm**

Concrete

Asst Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

20/1

Contractor

Assistant Engineer

Assistant Executive Engineer

Asst Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
7	KSRB 24-1 : Removing white wash or colour wash by steel brushing and / or scraping, sand papering and preparing wall surface smooth including repairs to scraches, cost of labour, complete as per specifications. Specification No.KBS. KSRB 24-2 : Extra for removing white wash or colour wash by steel brushing and / or scraping, sand papering the ceiling and / or sloping roof surface smooth including repairs to scraches, cost of labour, complete as per specifications.							
	JC office yelahanka division							
	Wall Tiles							
	Toilet 1		1	6.20		2.00	12.40	
	Toilet 2		1	7.40		2.00	14.80	
	Toilet 3		1	7.00		2.00	14.00	
	Toilet 4		1	6.80		2.00	13.60	
			1	5.20		2.00	10.40	
					Total Quantity		**65.20**	**Sqm**

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.
Bangalore.

23/1

Contractor

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.
Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
8	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. (P. No. 117, I.No. 15.53.2 of SR 2016-17)							
	JC office yelahanka division							
	External painting							
	external walls							
			1	34.00		13.00	442.00	
			1	17.60		13.00	228.80	
			1	17.60		13.00	228.80	
			1	6.60		13.00	85.80	
			1	11.00		13.00	143.00	
			1	11.00		13.00	143.00	
			1	8.80		13.00	114.40	
			1	8.80		13.00	114.40	
			1	14.80		13.00	192.40	
	Head Room							
			1	15.60		3.50	54.60	
	Column							
			18	1.60		0.80	23.04	
			8	2.00		0.80	12.80	
	Porch							
			2	6.00		6.00	72.00	
	Parapet Wall							
			1	130.20		1.00	130.20	
	Deduct openings							
	Deductions of Ventilations							
			-1	0.60		0.60	-0.36	
			-1	0.60		0.60	-0.36	
			-1	0.60		0.60	-0.36	
			-1	0.60		0.60	-0.36	
	Deduction Of Windows							
			-3	1.10		1.30	-4.29	
			-2	1.10		1.30	-2.86	
			-1	0.50		1.30	-0.65	
			-1	1.20		1.30	-1.56	
			-1	2.30		1.30	-2.99	
			-1	1.20		1.30	-1.56	
			-1	1.20		1.30	-1.56	
			-1	1.20		1.30	-1.56	
						Total Quantity	**1966.77**	**Sqm**
						Quantity Limited to	**1766.31**	**Sqm**

Contractor

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
9	KSRB 4-7 : Providing 2 legged scaffolding for stone masonry work using 10-15 cms. dia best quality casurina poles of 4m over all length (3m +0.5m projection + 0.5m In to the ground), the distance between two rows being 1.25m and spacing of posts being 2m in both rows with 2 horizontal posts with 0.5 mm overlap on either side and braces at 2 m c to c including longitudinal and transveres middle braces to step up and providing platform with casurina poles, forms tied up using coir rope complete as per specifications							
	JC office yelahanka division							
	scaffolding for painting and washing		1	34.00		9.00	306.00	
			1	17.60		9.00	158.40	
			1	17.60		9.00	158.40	
			1	6.60		9.00	59.40	
			1	11.00		9.00	99.00	
			1	11.00		9.00	99.00	
			1	8.80		9.00	79.20	
			1	8.80		9.00	79.20	
			1	14.80		9.00	133.20	
					Total Quantity		**1171.80**	
					Total Quantity		**900.90**	**Sqm**

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.
Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
10	KSRB 24-31 : Removal of old broken glass panes (any thickness of size, quality or description) from metal frames, glazed with putty or fixed with beads including cost of labour, complete as per specifications. Specification No.KBS							
	JC office yelahanka division							
	Ground Floor		11	0.45		1.30	6.44	
	First Floor		12	0.45		1.30	7.02	
					Total Quantity		**13.46**	**Each**

Contractor

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
11	Removing of existing old or broken wash basin / urinals and disposing it with all cost and conveyance labour for all items of work, HOM of equipment with all lead and lift, loading and unloading, transportation charges and all other incidental charges etc., complete as per specification and directions of the Engineer-in-charge of the work							
	JC office yelahanka division							
			6				6.00	
					Total Quantity		**6.00**	**Each**

NDD
DE(LE)

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
12	Removing of existing old or broken Water closet Indian / Eurpoean and disposing it with all cost and conveyance labour for all items of work, HOM of equipment with all lead and lift, loading and unloading, transportation charges and all other incidental charges etc., complete as per specification and directions of the Engineer-in-charge of the work.							
	JC office yelahanka division							
			9				9.00	
					Total Quantity		**9.00**	**Each**

Contractor

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.
Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
13	Removing of existing old Sanitary and plumbing pipelines, stacking and disposing it with all cost and conveyance labour for all items of work, HOM of equipment with all lead and lift, loading and unloading, transportation charges and all other incidental charges etc., complete as per specification and directions of the Engineer-in-charge of the work.							
	JC office yelahanka division							
	Ground Floor		1	67.00			67.00	
	First Floor		1	50.00			50.00	
	Second Floor		1	40.00			40.00	
					Total Quantity		**157.00**	**Rmt**

3/1

NDP DE(WS)

Contractor

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
14	KSRRB M200-14.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. ii) Dismantling Brick / Tile work. A. In lime mortar. MORTH Specification No. 202							
	JC office yelahanka division							
	Toilet							
	Floor Tiles		1	2.10	0.02	1.60	0.07	
			1	2.10	0.02	1.40	0.06	
			1	2.10	0.02	1.30	0.05	
			1	1.20	0.02	1.10	0.03	
	Wall Tiles							
	Toilet 1		1	6.20	0.02	2.10	0.26	
	Toilet 2		1	7.40	0.02	2.10	0.31	
	Toilet 3		1	7.00	0.02	2.10	0.29	
	Toilet 4		1	6.80	0.02	2.10	0.29	
	Toilet 4		1	4.60	0.02	2.10	0.19	
	Deductions of Doors							
			-1	0.90	0.02	2.10	-0.04	
			-1	0.90	0.02	2.10	-0.04	
			-1	0.90	0.02	2.10	-0.04	
			-1	0.90	0.02	2.10	-0.04	
					Total Quantity		**1.40**	**Sqm**

NDD
AE(JH)

Clerk

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
15	KSRB15-5.1 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4, to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications							
	JC office yelahanka division							
	Toilet							
	Wall Tiles							
	Toilet 1		1	6.20		2.10	13.02	
	Toilet 2		1	7.40		2.10	15.54	
	Toilet 3		1	7.00		2.10	14.70	
	Toilet 4		1	6.80		2.10	14.28	
			1	4.60		2.10	9.66	
			1	5.30		2.10	11.13	
			1	5.85		2.10	12.29	
	Deductions of Doors							
			-1	0.90		2.10	-1.89	
			-1	0.90		2.10	-1.89	
			-1	0.90		2.10	-1.89	
			-1	0.90		2.10	-1.89	
					Total Quantity		**83.06**	**Sqm**

NDD
DE(W)

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
16	KSRB15-4.4 Extra for providing and mixing waterproofing compound in cement plaster for stone masonry work at one kg per bag or in the proportion recommended by the manufacturers, forcement mortar 1:4, 20mm thick cost of materials complete as per							
	JC office yelahanka division							
	same as rough plastering qty			Qty Vide Item No 15				
						Total Quantity	**83.06**	**Sqm**

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.,
Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
17	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer.							
	JC office yelahanka division							
	Head Room Inside							
			1	7.30		4.50	32.85	
	Head Room Column		1	1.60	433.15	3.00	4.80	
	Office Room 1		1	30.20		3.50	105.70	
			1	16.70		3.50	58.45	
	Office Room 2		1	12.60		3.50	44.10	
	Office Room 3		1	11.00		3.50	38.50	
			1	22.50		3.50	78.75	
			1	20.00		3.50	70.00	
	Staircase Inside							
			1	5.00		3.00	15.00	
			1	8.70	167.19	3.70	32.19	
			1	4.00		4.00	16.00	
	Corridor		2	13.00		4.00	104.00	
	Office Room 4							
			1	23.80	187.2	4.00	95.20	
			1	8.00		4.00	32.00	
	Office Room 5							
			1	32.00	128.00	4.00	128.00	
	Deductions of Ventilations							
			-1	0.60		0.60	-0.36	
			-1	0.60	(-)21.44	0.60	-0.36	
			-1	0.60		0.60	-0.36	
			-1	0.60		0.60	-0.36	
	Deductions of Doors							
			-1	1.20		2.10	-2.52	
			-1	1.20	(-)7.56	2.10	-2.52	
			-1	1.20		2.10	-2.52	
	Deduction Of Windows							
			-3	1.10		1.30	-4.29	
			-2	1.10		1.30	-2.86	
			-1	0.50	(-)17.03	1.30	-0.65	
			-1	1.20		1.30	-1.56	
			-1	2.30		1.30	-2.99	
			-1	1.20		1.30	-1.56	
			-1	1.20		1.30	-1.56	
			-1	1.20		1.30	-1.56	
					Total Quantity		**829.51**	
					Total Quantity		**133.52**	**Sqm**

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
18	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty.Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using diFirst Floorerent grade sand papers, including cost of all materials,cost of labour and scaFirst Floorolding etc., complete as per the specification..[P.No.125 - I. No.15.106]							
	JC office yelahanka division							
	Same as painting qty			Qty Vide Item No 17			133.52	
						Total Quantity	**133.52**	**Sqm**

NDD

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
19	KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. - for Ceramic Tiles of size 30x30cms 6mm thick.							
	JC office yelahanka division							
	Toilet							
	Wall Tiles							
	Toilet 1		1	6.20		2.10	13.02	
	Toilet 2		1	7.40		2.10	15.54	
	Toilet 3		1	7.00		2.10	14.70	90.62
	Toilet 4		1	6.80		2.10	14.28	
			1	4.60		2.10	9.66	
			1	5.30		2.10	11.13	
			1	5.85		2.10	12.29	
	Deductions of Doors							
			-1	0.90		2.10	-1.89	
			-1	0.90		2.10	-1.89	7.56 (-)
			-1	0.90		2.10	-1.89	
			-1	0.90		2.10	-1.89	
					Total Quantity		**83.06**	
					Quantity Limited to		**57.86**	**Sqm**

NOD (DELAY) 19/2

Cert

Assistant Executive Engineer, Kodigehalli S/D Division, Yelahanka Zone, B.B.M.P Bangalore. 19/2

Contractor

Assistant Engineer

Assistant Executive Engineer, Kodigehalli S/D Division, Yelahanka Zone, B.B.M.P Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
20	KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 - Colour glazed tiles 15x15 cms 6mm							
	JC office yelahanka division							
	Same as rough plastering		Qty Vide Item No 15				83.06	
					Total Quantity		**83.06**	**Sqm**

NOD
AE(W&P)
19/1

Contractor

Assistant Engineer

Assistant Executive Engineer
Assistant Executive Engineer,
Kadugenahalli Sub Division,
Yelahanka Zone, B.B.M.P
Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
21	KSRB 8.6-8 : Providing and fixing on wall surface. 40 kg / sq.cm H.D.P.E. rain down water pipes 110mm outer dia. approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications							
	JC office yelahanka division							
	Rainwater Pipes							
			1	55.00			55.00	
			1	65.00			65.00	
			1	50.00			50.00	
			1	40.00			40.00	
					Total Quantity		**210.00**	**Mtrs**

19/

NDD
AE(W)

Contractor

Assistant Engineer

Assistant Executive Engineer

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
22	KSRB 11-2 : Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral type footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11. (P.No. 77, I.No.12.2 of PWD SR 2015-16)							
	JC office yelahanka division							
			3				3.00	
			2				2.00	
					Total Quantity		**5.00**	**Each**

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

AIDD AE(Civil)

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.
Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
23	KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11							
	JC office yelahanka division							
			4				4.00	
			2				2.00	
					Total Quantity		**6.00**	**Each**

NOD DEPTY

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
24	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia.							
	JC office yelahanka division							
			12				12.00	
			8				8.00	
					Total Quantity		**20.00**	**Each**

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
25	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 12.5cms x 7.5cms							
	JC office yelahanka division							
			11				11.00	
			9				9.00	
					Total Quantity		**20.00**	**Each**

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.
Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
26	Providing stoneware gully trap of approved quality and make fixing in M-15 and plastering with CM 1:3 wherever necessary.(Rate includes cost of all materials, fixtures and lead). - 15cms x 10cms							
	JC office yelahanka division							
			10				10.00	
			10				10.00	
					Total Quantity		**20.00**	**Each**

AEE(Civil)

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kudlu Engineering Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
27	Cleaning the blockages of closets and soil pipes into working order with scaffolding							
	JC office yelahanka division							
			1	20.00			20.00	
			1	30.00			30.00	
			1	25.00			25.00	
			1	25.00			25.00	
					Total Quantity		**100.00**	**Mtrs**

NDD
AE(Civil)

Contractor

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P
Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
29	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work). - 50mm nominal OD pipes							
	JC office yelahanka division							
	For water line							
			1	50.00			50.00	
			1	40.00			40.00	
			1	50.00			50.00	
			1	40.00			40.00	
			1	60.00			60.00	
			1	80.00			80.00	
					Total Quantity		**320.00**	**Mtrs**

NDD
DE(HQ)

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Agency:- S.S Constructions

Measurement Recorded On :-

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Unit
30	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work). - 32mm nominal OD pipes							
	JC office yelahanka division							
	For water line							
			1	50.00			50.00	
			1	60.00			60.00	
			1	50.00			50.00	
					Total Quantity		**160.00**	**Mtrs**

NDD
AE(A.F)
19/2

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.